

# Product Datasheet

## MYH4 Antibody NBP3-23357

Unit Size: 0.1 ml

Store at -20C.

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**NBP3-23357****MYH4 Antibody**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                       |
| <b>Storage</b>                     | Store at -20C.                                                                                                                                                                                                                                                                                                    |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                                                                                                        |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                         |
| <b>Buffer</b>                      | PBS, 1 mg/ml BSA and 50% glycerol                                                                                                                                                                                                                                                                                 |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>                 | Stable for at least 1 year at -20°C.                                                                                                                                                                                                                                                                              |
| <b>Host</b>                        | Rabbit                                                                                                                                                                                                                                                                                                            |
| <b>Gene ID</b>                     | 4622                                                                                                                                                                                                                                                                                                              |
| <b>Gene Symbol</b>                 | MYH4                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                 |
| <b>Specificity/Sensitivity</b>     | The antibody detects a 215 kDa protein corresponding to the apparent molecular mass of MYH4 on SDS-PAGE immunoblots of mouse extraocular muscle and mouse C2C12 cells. The antibody may also detect other skeletal MYHs, such as MYH1 and MYH2, which have significant homology to the C-terminal region of MYH4. |
| <b>Immunogen</b>                   | A synthetic peptide (coupled to KLH) corresponding to amino acid residues at the C-terminus from mouse MYH4. This sequence has 100% identity with rat and human MYH4, and has significant homology to MYH1, MYH2, and MYH8. [UniProt# Q5SX39]                                                                     |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>                | Western Blot                                                                                                                                                                                                                                                                                                      |
| <b>Recommended Dilutions</b>       | Western Blot 1:2000                                                                                                                                                                                                                                                                                               |



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### **Products Related to NBP3-23357**

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|            |                                               |
|------------|-----------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7156     | Goat anti-Rabbit IgG (H+L) Secondary Antibody |
| NBP2-24891 | Rabbit IgG Isotype Control                    |
| DCP00      | CCL2/JE/MCP-1 [HRP]                           |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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